

# **Magma Migration and Resupply During the 1974 Summit Eruptions of Kīlauea Volcano, Hawai‘i**

**Professional Paper 1613**





Telephoto view to the south across Kīlauea Caldera from the USGS Hawaiian Volcano Observatory, July 19, 1974, 13:25 hrs. Lava fountains up to 25 m high on the skyline south of Keanakāko‘i Crater feed lava cascades into the crater. Three en echelon fissure fountains are active north of Keanakāko‘i. Low fountains at the Crater’s north rim feed flows that have just cut the Crater Rim Road, middle fountains feed fluid pāhoehoe lavas into a gully on the right. High fountains on the floor of Kīlauea Caldera (foreground) mark the easternmost extent of the caldera-floor fountains that extend more than a kilometer to the west of this photo. USGS photo by John C. Forbes.

# Magma Migration and Resupply During the 1974 Summit Eruptions of Kīlauea Volcano, Hawai‘i

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*There has never been a year like 1974 in historical time when three  
discrete yet magmatically related eruptions occurred in the summit  
area of Kīlauea Volcano*

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